

Career Path Recommended Courses

Forensic Pathologist or Medical Examiner – Medical School Pathway

The following suggested and elective courses may be helpful for those seeking a career as a forensic pathologist, medical examiner, or coroner.

Track: Molecular Biology track is recommended as it more closely aligns with the pre-med degree requirements.

The following is a list of courses required for the pre-medicine degree that are not required for the Forensic Science – Molecular Biology suggested academic plan but should be taken if you intend to take the MCATs and apply to medical school. Upper division science courses can be used as supporting courses towards your FRNSC degree. The sociology and psychology courses can be used towards elective credits for your FRNSC degree.

Pre-med required SAP courses not in the FRNSC – Molecular Biology degree:

- BIOL 472 (3) – Human Physiology
 - Prerequisites: (BIOL 234 and BIOL 235W) or BIOL 230W or BMB 251 or BIOL 240W or BIOL 141 or (BIOL 161 and BIOL 163)
- PSYCH 100 (3) - Introductory Psychology (General Education: Social and Behavioral Science (GS))
- SOC 1 (3) - Introductory Sociology (General Education: Social and Behavioral Science (GS))

Supporting, Elective, or General Education Courses:

- BIOL 128 (1) – Investigation in Anatomy with Cadavers
- BIOL 141 (3) – Introduction to Human Physiology
- BIOL 161 (3) – Human Anatomy and Physiology I Lecture
- BIOL 162 (1) - Human Anatomy and Physiology I Lab
 - Corequisites: BIOL 161 or BIOL 141
- BIOL 163 (3) – Human Anatomy and Physiology II Lecture
- BIOL 164 (1) - Human Anatomy and Physiology II Lab
 - Corequisites: BIOL 163 or BIOL 141
- BIOL 437 (4) – Histology
 - Prerequisites: BIOL 230W or BMB 251 or BMB 251H or BIOL 240W or BIOL 141
- BIOL 473 (2) – Laboratory in Mammalian Physiology
 - Prerequisite or concurrent enrollment: BIOL 472
- BIOL 476 (3) – Advanced Human Anatomy – Cadaver Based Lecture & Lab
 - Prerequisites: BIOL 129 or BIOL 141 or (BIOL 161 and BIOL 162 and BIOL 163 and BIOL 164) or (BIOL 240M or BIOL 240W) or BIOL 472 or KINES 202
- BMB 402 (3) – General Biochemistry
 - Prerequisites: BMB 401 or CHEM 476
- KINES 203 (3) – Medical Terminology for Allied Health Professionals
- KINES 402 (3) – Human Anatomy Cadaver Dissection
 - Prerequisites: KINES 202 or BIOL 129 or BIOL 161 or 162 or 163 or 164
- FRNSC 460 (3) – Medicolegal Death Investigation
 - Prerequisites: FRNSC 410 and (FRNSC 411 or FRNSC 413)
- MICRB 201 (3) – Introductory Microbiology Lecture
 - Prerequisite: CHEM 110
- MICRB 202 (2) – Introductory Microbiology Lab
 - Corequisite: MICRB 201
- VBSC 211 (3) – The Immune System and Disease
- VBSC 410/MICRB 410 (3) – Principles of Immunology
- VBSC 420 (3) – General Animal Pathology
 - Corequisites: VBSC 211 and MICRB 201

Career Path Recommended Courses

Death Investigation Allied Professions – Non-Medical School Pathways

For death investigation careers that do not require medical school, such as autopsy technician, pathologist assistant, death investigator, or coroner, the following courses are recommended as supporting courses or electives to help round out your experience and provide job-relevant skills and knowledge that employers may find valuable. Note that to act as a supporting course for the suggested academic plan (SAP) the class must be an upper-division 300 or 400 level course. Electives can be at any level.

Track: Molecular Biology track is recommended but not required

Courses:

- BIOL 128 (1) – Investigation in Anatomy with Cadavers
- BIOL 141 (3) – Introduction to Human Physiology
- BIOL 161 (3) – Human Anatomy and Physiology I Lecture
- BIOL 162 (1) - Human Anatomy and Physiology I Lab
 - Corequisites: BIOL 161 or BIOL 141
- BIOL 163 (3) – Human Anatomy and Physiology II Lecture
- BIOL 164 (1) - Human Anatomy and Physiology II Lab
 - Corequisites: BIOL 163 or BIOL 141
- BIOL 437 (4) – Histology
 - Prerequisites: BIOL 230W or BMB 251 or BMB 251H or BIOL 240W or BIOL 141
- BIOL 472 (3) – Human Physiology
 - Prerequisites: BIOL 230W or BMB 251 or BIOL 240W or BIOL 141 or (BIOL 161 and BIOL 163)
- BIOL 473 (2) – Laboratory in Mammalian Physiology
 - Prerequisite or concurrent enrollment: BIOL 472
- BIOL 476 (3) – Advanced Human Anatomy – Cadaver Based Lecture & Lab
 - Prerequisites: BIOL 129 or BIOL 141 or (BIOL 161 and BIOL 162 and BIOL 163 and BIOL 164) or (BIOL 240M or BIOL 240W) or BIOL 472 or KINES 202
- BMB 402 (3) – General Biochemistry
 - Prerequisites: BMB 401 or CHEM 476
- KINES 203 (3) – Medical Terminology for Allied Health Professionals
- KINES 402 (3) – Human Anatomy Cadaver Dissection
 - Prerequisites: KINES 202 or BIOL 129 or BIOL 161 or 162 or 163 or 164
- FRNSC 460 (3) – Medicolegal Death Investigation
 - Prerequisites: FRNSC 410 and (FRNSC 411 or FRNSC 413)
- MICRB 201 (3) – Introductory Microbiology Lecture
 - Prerequisite: CHEM 110
- MICRB 202 (2) – Introductory Microbiology Lab
 - Corequisite: MICRB 201
- VBSC 211 (3) – The Immune System and Disease
- VBSC 410/MICRB 410 (3) – Principles of Immunology
- VBSC 420 (3) – General Animal Pathology
 - Corequisites: VBSC 211 and MICRB 201